

Missouri Department of Natural Resources

Total Maximum Daily Load Information Sheet

Rush Creek

Waterbody Segment at a Glance:

County: Platte
Nearby Cities: Parkville
Length of impairment: None
Pollutants: None
Source: N/A

Note: This stream was deleted from the 2002 303(d) List.

TMDL Priority Ranking: TMDL Approved 1999



State map showing location of watershed

Description of the Problem

Designated Uses

- Livestock and Wildlife Watering
- Protection of Warm Water Aquatic Life
- Protection of Human Health associated with Fish Consumption

Use that is impaired

- Protection of Warm Water Aquatic Life

Standards that apply

- Standards for non-filterable residue (NFR) may be found in the general criteria section of the Missouri Water Quality Standards, 10 CSR 20-7.031(3)(A), where it states:
 - Waters shall be free from substances in sufficient amounts to cause the formation of putrescent, unsightly or harmful bottom deposits or prevent full maintenance of beneficial uses.
 - Waters shall be free from substances in sufficient amounts to cause unsightly color or turbidity, offensive odor or prevent full maintenance of beneficial uses.

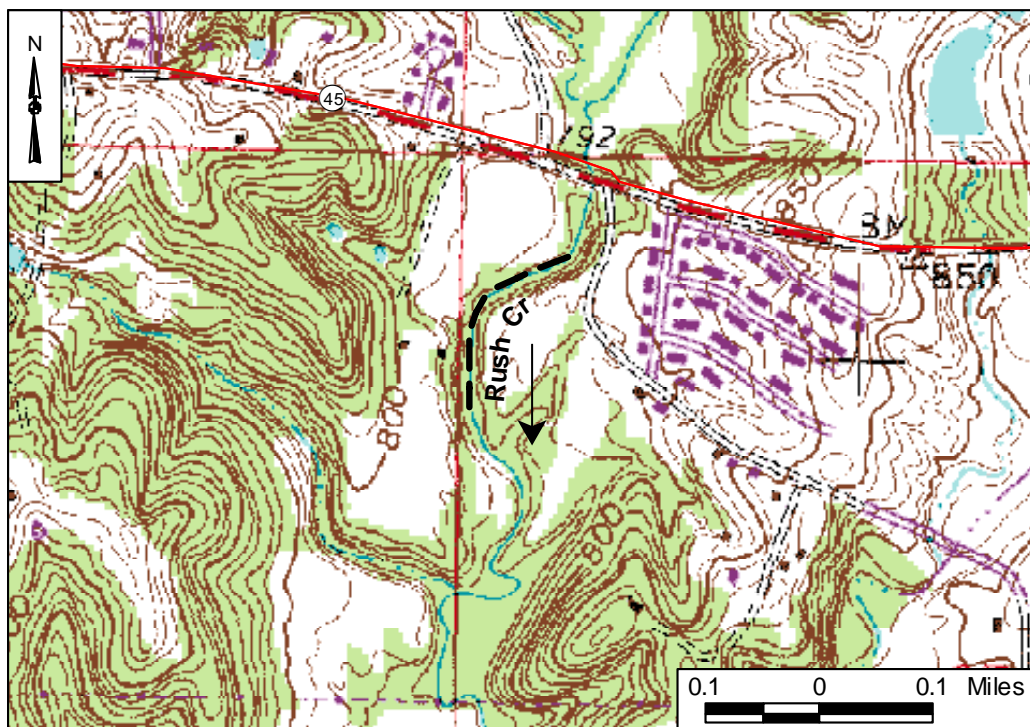
Background Information

The pollutant of concern was objectionable bottom deposits of non-filterable residue, the result of discharges from the Platte County Sewer District #7, in particular the El Dorado Apartments wastewater treatment plant (WWTP). The stream was judged to be impaired based on observations during four visual and qualitative invertebrate benthic surveys conducted between 1986 and 1996. Observations from the earliest survey noted the presence of excessive amounts of benthic (growing on the stream bottom) algae in the stream. The latter surveys noted sludge deposits (from the

WWTP) that were judged to exceed state narrative standards for unsightly or harmful bottom deposits.

Since then, this facility has been closed and all the sewers have been connected to the Platte County Regional Sewer District Brush Creek WWTP. This was accomplished in February 1999. Because the last stream assessment was prior to the elimination of the El Dorado Apartments WWTP, this segment appeared on the 1998 Section 303(d) list, and the listing required a Total Maximum Daily Load (TMDL) be developed. The U.S. Environmental Protection Agency approved this TMDL Dec. 1, 1999. The department conducted a post-TMDL stream survey in 2000 and all applicable water quality standards are being met. This stream was deleted from the 2002 303(d) list.

Impaired Section of Rush Creek in Platte County, Missouri



----- Impaired Segment → Direction of Flow

For more information call or write:

Missouri Department of Natural Resources

Water Protection Program

P.O. Box 176, Jefferson City, MO 65102-0176

1-800-361-4827 or (573) 751-1300 office

(573) 522-9920 fax

Program Home Page: www.dnr.mo.gov/env/wpp/index.html